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APPLICANT : KANEBO LTD;

INVENTOR : MOROZUMI MINORU;

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TITLE : FLAMEPROOFING METHOD OF CELLULOSIC FIBER CLOTH

ABSTRACT : PURPOSE: To obtain a flameproofing cloth having resistance to washing by repeating processes of dipping a cellulosic fiber cloth in a processing solution containing a specific flameproofing agent and a melamine-based resin, drying, dipping in a solution containing a catalyst for said flameproofing agent and the resin, drying and heat-treating, and wash-treating.

CONSTITUTION: A cellulosic fiber cloth is dipped in a processing solution containing a flameproofing agent composed of N-methylol dimethylphosphonopropionamide and a melamine-based resin and dried, then dipped in a processing solution containing said flameproofing agent and a catalyst of the melamine-based resin, thus subjected to drying, heat-treatment and washing-treatment to afford a flexible flameproofing cloth exhibiting flameproofing effect having excellent resistance to washing. By said method, effective reactivity with fiber is high and consumption of the flameproofing agent is able to be reduced and simultaneously the processing solution is preservable, then excess solution is reusable.

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